



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** * *** *



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Ford

Type: Crown Victoria (police interceptor), 4-door sedan

Driver: 40-year-old male

CDC: 11-FDEW-1

Vehicle (B): 1987 Buick

Type: LeSabre Limited, 4-door sedan

Driver: 85-year-old female

CDC: 02-RZEW-3

SITUATION

(Slides 1, 2) On a clear, dry day, case vehicle (A) was traveling south in the right lane of a 4-lane asphalt road in an urban area at a driver-estimated speed of 40 kph (25 mph). Vehicle (B) was stopped facing north on the four-lane roadway at an intersection, and the driver was waiting to make a left turn onto the intersecting roadway. As case vehicle (A) proceeded into the intersection, vehicle (B) began making a left turn to travel west on the intersecting road. The driver of case vehicle (A) applied the brakes, but was unable to avoid striking the right side of vehicle (B) with its front. After the impact, vehicle (B) rotated clockwise and struck the left side of vehicle (X), which was stopped at the intersection facing east.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 3) The direct damage to case vehicle (A) began at the left-front bumper corner and extended 150 cm across the entire front of the vehicle. The maximum crush was 4 cm to the center portion of the front bumper.

(Slide 4) The direct damage to vehicle (B) began 9-cm forward of the right-rear wheel and extended forward 170 cm along the right side. The maximum crush was 56 cm to the right-rear door at the B-pillar. Both right side doors were damaged and jammed closed, the right-rear door window was broken, and the roof was buckled.

(Slides 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15) Using the WinSMASH accident-reconstruction program and c-values measured for case vehicle (A) and vehicle (B), the following impact severities were calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	Delta V	23 (14)	-21 (-13)	8 (5)
	EBS	10 (6)	-10 (-6)	4 (2)
Vehicle (B)	Delta V	33 (20)	-11 (-7)	-31 (-19)
	EBS	42 (26)	-14 (-9)	-39 (-24)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slide 16) The damage to case vehicle (A) extended across the entire front. (Slides 17, 18) The bumper was crushed, both headlights were displaced and the left headlight glass was broken. The grille was damaged and the hood was dented. (Slide 19) There was no damage to the hood latch or hood hinges, although the rear edge of the hood was slightly elevated. In addition, there was no damage to the windshield. (Slide 20) There was no other frontal damage.

(Slide 21) On the right side, the fender was slightly deformed. Both right-side doors were undamaged and operational. There was no other damage to the right side and no change in the right wheelbase.

(Slide 22) There was no damage to the left side and no change in the left wheelbase. Both left-side doors were undamaged and operational.

Interior

(Slides 23, 24) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags, which deployed during this frontal impact. (Slides 25, 26) There was no damage to the steering-wheel rim and no rotation of the steering column. (Slides 27, 28, 29 and 30) There was no damage to the upper or mid portions of the instrument panel, knee bolster, center dash area, or the glove compartment. (Slides 31, 32) There was no damage to any interior components of this police-modified vehicle and no intrusions were noted.

OCCUPANT KINEMATICS AND INJURIES

(Slides 33, 34, 35, 36 and 37) The 6-ft, 2-in, 190-lb, 40-year-old male driver was wearing the three-point belt and the frontal-impact airbag deployed. (Slide 38) The shoulder-belt anchor point was adjusted to the lowest position on the B-pillar, and the driver reportedly had the seat adjusted to a rear-track position. He also reported that he was probably using the tilt steering wheel in the "low" position while driving, and was braking with his right foot at the time of the crash. The driver was a police officer and was wearing a bulletproof vest.

During the frontal impact, he continued forward and slightly to the left relative to the vehicle interior. He sustained lumbar strain due to the impact forces.

(Slides 39, 40) The 6-ft, 2-in, 245-lb, 34-year-old male right-front passenger was wearing the three-point belt and the frontal impact airbag deployed. (Slides 41, 42) Damage to the plastic cover over the shoulder-belt B-pillar anchorage hardware indicates belt use at the time of the crash. (Slide 43) The shoulder-belt anchor point was adjusted to the lowest position on the B-pillar and the passenger reportedly had the seat adjusted to a rear-track position. The passenger was a police officer and was wearing a bulletproof vest. During the frontal impact, he continued forward and slightly to the left relative to the vehicle interior. He sustained a laceration to his chin and an abrasion to the dorsal area of his left forearm, probably from contact by the deploying airbag.

(Slides 44, 45 and 46) The 6-ft, 2-in, 245-lb, 23-year-old male right-rear passenger was not wearing the available modified three-point belt system. He was also a police officer but was not wearing a bulletproof vest. (Slides 47, 48) During the frontal impact, he continued forward and slightly to the left relative to the vehicle interior. His face contacted the metal cage that is between the front and rear seats of the police vehicle. He sustained a laceration to the bridge of his nose, a laceration to his right eyebrow, and a laceration to the right side of his forehead, from his face contacting the metal cage.

The following tables (slides 49, 50 and 51) and attached drawings summarizes the injuries for the three occupants.

Occupant: Driver
Restraints: 3-point belt worn; airbag deployed

Age: 40 years
Stature: 188 cm (6 ft, 2 in)

Gender: Male
Mass: 86 kg (190 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Lumbar spine strain	1		Impact forces	
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			
police officer wearing bullet-proof vest				

Occupant: Right front
Restraints: 3-point belt worn; airbag deployed

Age: 34 years
Stature: 188 cm (6 ft, 2 in)

Gender: Male
Mass: 111 kg (245 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Laceration, chin	1		Airbag	
Abrasion, dorsal area of left forearm	1		Airbag	
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			
police officer wearing bullet-proof vest				

Occupant: Right rear
Restraints: 3-point belt not worn

Age: 23 years
Stature: 188 cm (6 ft, 2 in)

Gender: Male
Mass: 111 kg (245 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Laceration, bridge of nose	1	Metal cage between front and rear seats		
Laceration right eyebrow	1	Metal cage between front and rear seats		
Laceration, right side of forehead	1	Metal cage between front and rear seats		
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			
police officer was <u>not</u> wearing bullet-proof vest				

Duplicate columns 1-8
from the previous card.

Module G 1
9 10 Format 0 2
11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION

— m — / — d — / — y — y — y

HOUR OF COLLISION
(24 HOUR CLOCK) 21 24

LOCATION

STATE: _____

STATE FIPS CODE

— 25 — 26

AREA

- (1) URBAN
- (2) RURAL
- (9) UNKNOWN

— 27 —

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
- (1) YES
- (9) UNKNOWN

— 28 —

ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)

- (1) 1-LANE
- (2) 2-LANES
- (3) 3-LANES
- (4) 4 OR MORE LANES
- (5) DIVIDED, 4 OR MORE LANES
- (6) PARKING LOT/DRIVEWAY
- (7) OTHER: _____
- (9) UNKNOWN

— 29 —
4

INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

— 30 —
3

TYPE OF ROAD SURFACE

- (1) ASPHALT
- (2) CONCRETE
- (3) GRAVEL
- (4) MORE THAN ONE (CIRCLE EACH)
- (7) OTHER: _____
- (9) UNKNOWN

— 31 —

ROAD DEFECTS

- (0) NO
- (1) YES
- (9) UNKNOWN

— 32 —
0

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
- (1) YES
- (9) UNKNOWN

— 33 —
0

ROAD ALIGNMENT VERTICAL PLANE

- (1) LEVEL
- (2) CREST OF HILL
- (3) SLOPE (2%)
- (4) BOTTOM OF HILL
- (9) UNKNOWN

— 34 —
1

ROAD ALIGNMENT HORIZONTAL PLANE

- (1) STRAIGHT
- (2) CURVE
- (3) T - SHAPED
- (4) Y - SHAPED
- (7) OTHER: _____
- (9) UNKNOWN

— 35 —
1

SURFACE COVERING

- (10) DRY
- (21) WATER - DAMP
- (22) WATER - WET
- (23) WATER - PUDDLED
- (29) WATER - AMOUNT UNKNOWN
- (31) SNOW - LOOSE
- (32) SNOW - PACKED
- (39) SNOW - CONDITION UNKNOWN
- (41) ICE
- (51) SLUSH
- (61) SPILLED GRAVEL
- (71) OTHER: _____
- (99) UNKNOWN

— 36 — 37
1 0

VISIBILITY LIMITATION (FOR CASE VEHICLE)

- (0) NONE
- (1) CLOUDY/DARK
- (2) FOG
- (3) SMOKE
- (4) WINDSHIELD CONDITION
- (5) GLARE
- (6) RAIN
- (7) OTHER: _____
- (8) ICE/SNOW
- (9) UNKNOWN

— 38 —
0

VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)

- (0) NONE
- (1) BUILDING
- (2) SIGN
- (3) VEGETATION (E.G. BUSHES, SHRUBS)
- (4) TREE
- (5) HILL OR CURVE IN ROAD
- (6) VEHICLE IN TRANSPORT
- (7) OTHER: _____
- (8) PARKED VEHICLE
- (9) UNKNOWN

— 39 —
0

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

- (0) 5-45 km/h 525 mph
 (1) 46-55 30
 (2) 56-60 35
 (3) 61-70 40
 (4) 71-79 45
 (5) 80-85 50
 (6) 86-90 55
 (7) 91-105 60
 (8) OVER 105 65
 (9) UNKNOWN

PRECIPITATION

- (0) NONE
 (1) RAIN
 (2) SNOW
 (3) HAIL
 (4) FREEZING RAIN/SLEET
 (7) OTHER: _____
 (9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
 (2) MODERATE
 (3) HEAVY
 (8) NOT APPLICABLE
 (9) UNKNOWN

TEMPERATURE

- (0) BELOW -15° C BELOW 5° F
 (1) -15 TO -6 5 TO 22
 (2) -5 TO -1 23 TO 31
 (3) 0 TO 2 32 TO 36
 (4) 3 TO 5 37 TO 41
 (5) 6 TO 15 42 TO 59
 (6) 16 TO 25 60 TO 77
 (7) 26 TO 35 78 TO 95
 (8) OVER 35 OVER 96
 (9) UNKNOWN

CROSSWIND

- (0) NONE
 (1) LIGHT
 (2) STRONG
 (3) GUSTY & STRONG
 (9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
 (2) DAWN
 (3) DUSK
 (4) DARK, LIGHTED
 (5) DARK, UNLIGHTED
 (6) DARK, UNKNOWN IF LIGHTED
 (9) UNKNOWN

40

MECHANICAL MALFUNCTION

WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE

- (0) NO
 (1) YES
 (2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
 (9) UNKNOWN

46

41

THE FOLLOWING SECTION SHOULD BE FILLED
OUT IF A MECHANICAL MALFUNCTION IS
RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY
ITEMS CIRCLED WITH COMMENTS.

42

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

OTHER: _____

43

COMMENTS: _____

44

45

GENERAL INFORMATION GI-3

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
 (1) YES
 (9) UNKNOWN

0
47

HIGHEST POLICE INJURY SEVERITY CODE IN CRASH
(NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
 (1) C - POSSIBLE INJURY
 (2) B - NON-INCAPACITATING INJURY
 (3) A - INCAPACITATING INJURY
 (4) K - FATAL
 (5) INJURED, SEVERITY UNKNOWN
 (6) DIED PRIOR TO ACCIDENT
 (7) NON-FATAL INJURY
 SEVERITY UNKNOWN
 (9) UNKNOWN

2
55

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
 (1) YES, FIRST EVENT
 (2) YES, SUBSEQUENT EVENT
 (3) YES, SEQUENCE UNKNOWN
 (9) UNKNOWN

0
48

CASE VEHICLE RAN OFF ROADWAY
(BEFORE FIRST IMPACT)

- (0) NO
 (1) YES
 (9) UNKNOWN

0
49

DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT
(CASE VEHICLE)

- (0) NONE
 (1) YES
 (9) UNKNOWN/NOT REPORTED/
 NO DRIVER

0
56

MOVING CASE VEHICLE AND
CONTACTED MOVING VEHICLE

- (0) NO
 (1) YES
 (9) UNKNOWN

1
50

DRIVER ALCOHOL BAC
(CASE VEHICLE)

- (80) NO TEST
 (90) CHEMICAL TESTS, NO RESULTS
 (95) AUTOPSY, NO RESULTS
 (99) UNKNOWN

80
57 58

CASE VEHICLE AND
CONTACTED STOPPED VEHICLE

- (0) NO
 (1) YES
 (9) UNKNOWN

0
51

WAS THERE MENTION OF DRIVER
IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
 (1) YES
 (9) UNKNOWN

0
59

STOPPED CASE VEHICLE AND
CONTACTED VEHICLE

- (0) NO
 (1) YES
 (9) UNKNOWN

0
52

LIST IMPAIRMENTS MENTIONED:

TOTAL NUMBER
OF VEHICLES CONTACTED
BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
 (9) UNKNOWN

1
53

Post - Crash Detail

MANNER CASE VEHICLE
LEFT SCENE

- (1) DRIVEN
 (2) TOWED DUE TO DAMAGE
 (3) TOWED, NOT DUE TO DAMAGE
 (4) TOWED, REASON UNKNOWN
 (9) UNKNOWN

2
60

ANY FIRE IN THIS CRASH
(NOT JUST CASE VEHICLE)

- (0) NO
 (1) YES
 (9) UNKNOWN

0
54

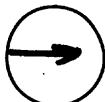
ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS TRAVELING SOUTH AT A DRIVER-ESTIMATED SPEED OF 25 MPH (40 KPH) IN THE RIGHT LANE OF A FOUR-LANE ROAD. VEHICLE (B) WAS NORTH BOUND AND APPROACHING AN INTERSECTION. AS CASE VEHICLE (A) PROCEEDED THROUGH THE INTERSECTION VEHICLE (B) BEGAN A LEFT TURN TO TRAVEL WEST. THE FRONT OF CASE VEHICLE (A) STRUCK THE RIGHT SIDE OF VEHICLE (B). AFTER THE IMPACT VEH.(B) ROTATED AND STRUCK THE FRONT OF VEH.(X) WITH ITS LEFT SIDE. VEH.(X) WAS STOPPED AT THE TRAFFIC LIGHT FACING EAST.

Q
4

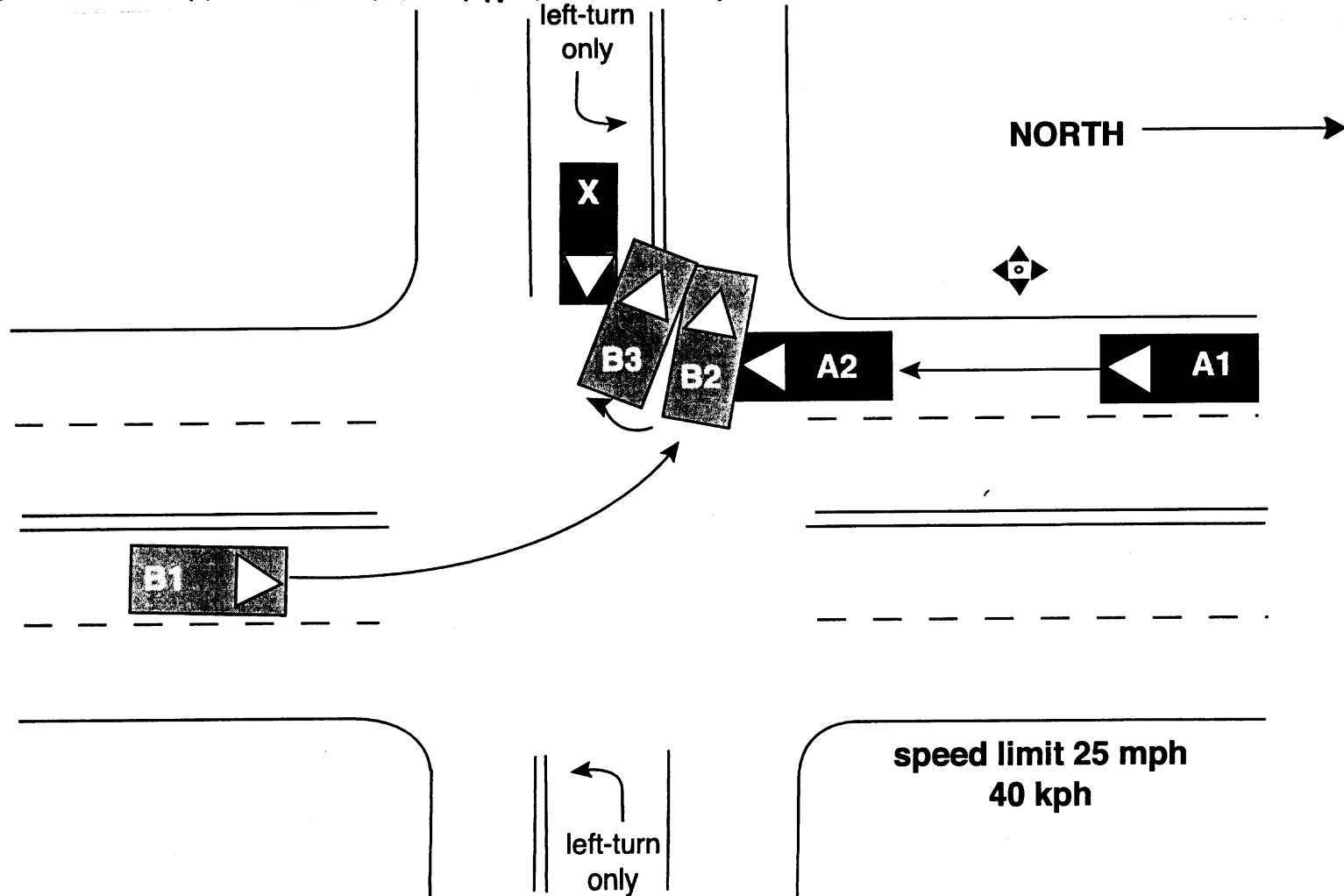
CASE VEHICLE (A): 1999 Ford Crown Victoria

OTHER VEHICLE (B): 1987 Buick LeSabre

THIRD VEHICLE (C):



NORTH



Duplicate columns 1-8
from the previous card.

Module O V Format 0 4
9 10 11 12

OTHER VEHICLE OV-1

MAKE: BUICK
MODEL: LESABRE LIMITED 4-DR SEDAN

VIN 1G4HR543XHH
13 29

MANUFAC/BODY CODE 11129
30 34

MAKE/MODEL CODE 0441
38

MODEL YEAR 1987
39 42

VEHICLE MASS (kg) 001468
43 48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS 01
(ENTER 9'S IF UNKNOWN)
51

TRAVELING SPEED (km/h) 995
54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE 1

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
- (9) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

29
56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

282
58 59 60

Duplicate columns 1-8
from the previous card.

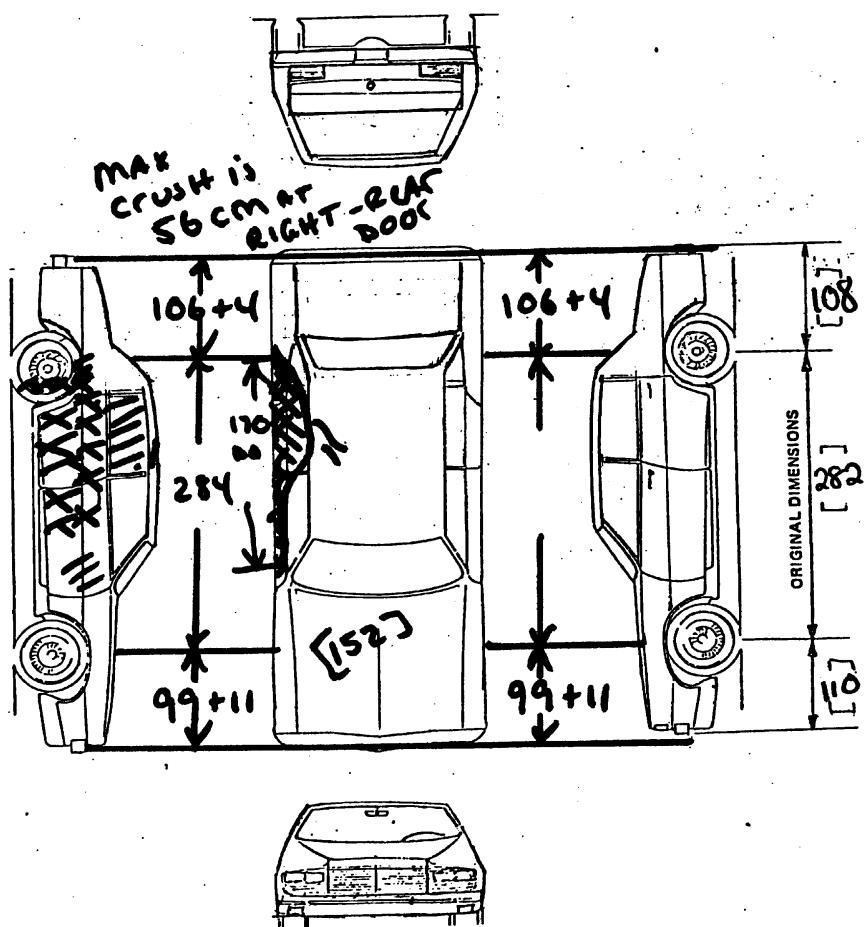
Module O
9 V
10 Format 0
11 2
12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	<u>282</u> cm	Front Overhang	<u>110</u> cm
Curb Weight	<u>1481</u> kg	Rear Overhang	<u>108</u> cm
Average Track Width	<u>153</u> cm	Undeformed End Width (UEW)	<u>165</u> cm
Overall Length	<u>500</u> cm	Engine Displacement	<u>3.8</u> L
Overall Width (OAW)	<u>183</u> cm	Engine: # of Cylinders	<u>06</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 999 cm

35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$

99 %

40 41

Vehicle Overlap (Percent) = $\frac{DDL + 1/2(OAW - UEW)}{OAW}$

99 %

Duplicate columns 1-8 Module V D Format 0 4
from the previous card. 9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: FORDMODEL: CROWN VICTORIA 4 DR SEDAN
POLICE INTERCEPTOR

VIN

2FADFP71WXX

13

29

MANUFAC/BODY CODE

22129

30

34

8

62

MAKE/MODEL CODE

0217

38

MODEL YEAR

1999

39

42

VEHICLE MASS (kg)

001788

43

48

ODOMETER (km)

052271

49

54

1

63

NUMBER OF OCCUPANTS

03

56

58

TRAVELING SPEED (km/h)

040

59

25 mph

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

STOLEN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

BODY STRUCTURE

- (1) BODY & FRAME
- (2) UNITIZED
- (3) INTEGRAL-STUB FRAME
- (4) BODY & PLATFORM FRAME
(E.G. VW BUG)
- (5) PARTIALLY UNITIZED
- (7) OTHER: _____
- (9) UNKNOWN

TRANSMISSION

- (0) NONE
- (1) AUTOMATIC
- (2) MANUAL
- (9) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
- (12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
- (13) 4-DOOR HARDTOP
- (14) 4-DOOR SEDAN
- (15) STATION WAGON
- (16) CONVERTIBLE
- (18) OTHER PASS. VEH. : _____
- (19) PASSENGER VEHICLE, TYPE UNKNOWN

14

60

61

3

65

LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
- (2) CONSOLE
- (3) COLUMN
- (7) OTHER: _____
- (9) UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
- (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (23) VAN, SIZE UNKNOWN
- (24) VAN, SMALL (MINI)
- (25) VAN, LARGE
- (29) MPV, TYPE UNKNOWN
- (30) MOTOR HOME

1

66

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
- (32) PICKUP TRUCK, SMALL (DOWNSIZED)
- (33) PICKUP TRUCK, LARGE
- (99) UNKNOWN

STEERING

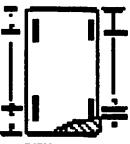
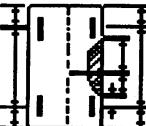
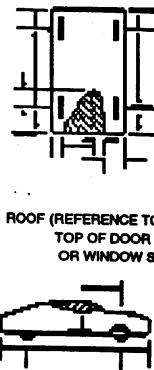
- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

BRAKES

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

1

67

TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	<u>2</u> 68	WHEELBASE (cm) (999) Unknown	<u>291</u> 76 77 78
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	<u>2</u> 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED	<u>0</u> 79
AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	<u>8</u> 70	(0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	<u>1</u> 71	FIELD INVESTIGATOR INSTRUCTIONS:	
DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN	<u>0</u> 72	1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>3</u> 73	EXAMPLES:   	
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN	<u>0</u> 74		
TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	<u>1</u> 75		

Duplicate columns 1-8
from the previous card.

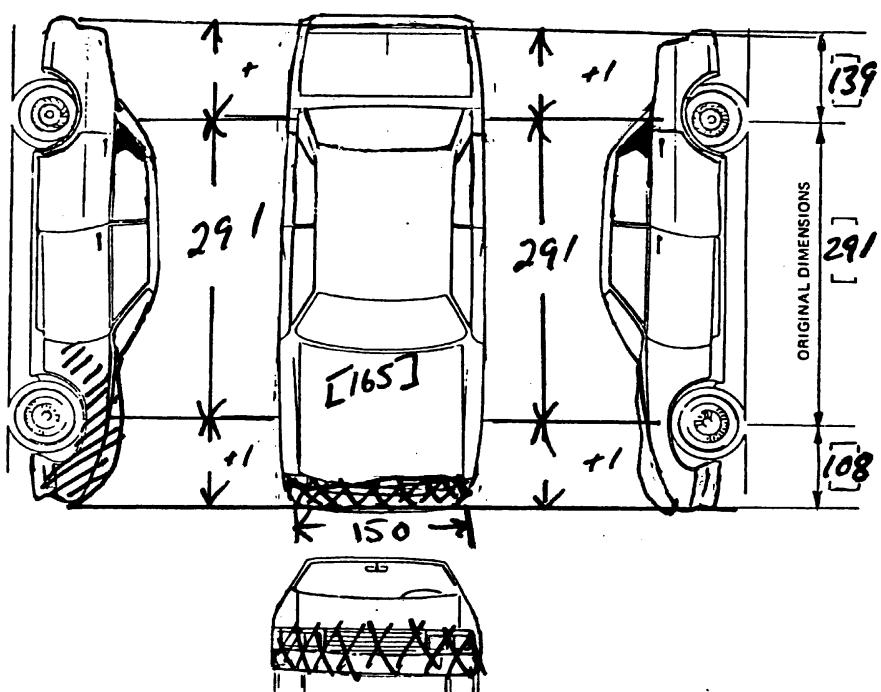
Module V 9 D 10 Format 0 11 2 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>291</u> cm	Front Overhang	<u>108</u> cm
Curb Weight	<u>1788</u> kg	Rear Overhang	<u>139</u> cm
Average Track Width	<u>164</u> cm	Undeformed End Width (UEW)	<u>150</u> cm
Overall Length	<u>538</u> cm	Engine Displacement	<u>4.6</u> L
Overall Width (OAW)	<u>199</u> cm	Engine: # of Cylinders	<u>08</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 150 cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 150

98 %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2(OAW - UEW)}{OAW}$

98 %
40 41

Duplicate columns 1-8
from the previous card.

Module D A Format 0 2
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	/	VEH B	
	IMPACT SPEED (km/h)	<u>999</u> 13 14 15 16	<u>999</u> 35 36 37
	ESTIMATED BY	/	/
	CRUSH (cm)	004 17 18 19 20	056 38 39 40 41
	CDC #1	11.F0EW.1 21 27	02.R2EW.3 42 48
	CDC #2	98.00000 28 34	98.00000 49 55

Duplicate columns 1-8
from the previous card.

Module D A Format 0 3
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	8		
	IMPACT SPEED (km/h)	14 15 16	35 36 37
	ESTIMATED BY	/	/
	CRUSH (cm)	18 19 20	39 40 41
	CDC #1	----- 21 27	----- 42 48
	CDC #2	----- 28 34	----- 49 55

CODES

EVENT NUMBER

IMPACT SPEED ESTIMATOR

CRUSH

- (8) NOT APPLICABLE
- (9) UNKNOWN

- (1) INVESTIGATOR

- (998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)

IMPACT SPEED

- (998) NOT APPLICABLE
- (999) UNKNOWN

- (2) DRIVER

- (999) UNKNOWN

- (3) POLICE

- CDC

- (4) "CRASH" PROGRAM

- (9800000) NOT APPLICABLE

- (5) OTHER COMPUTER PROGRAM

- (9900000) UNKNOWN

SPECIFY: _____

- (7) OTHER: _____

- (8) NOT APPLICABLE

(NO VEHICLE/NO IMPACT)

Duplicate columns 1-8
from the previous card.Module D
9 A
10 Format 0
11 1
12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 0 4
13 15RIGHT SIDE 0 0 0
16 18REAR 0 0 0
19 21LEFT SIDE 0 0 0
22 24ROOF 0 0 0
25 27OTHER 0 0 0
28 30CHRONOLOGICAL SEQUENCE
OF DAMAGE/INJURY PRODUCING CRASH EVENTS
FOR CASE VEHICLENOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

31

- (0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>13</u> 34	<u>29</u> 36
#2	<u>—</u> 37	<u>—</u> 39	<u>—</u> 41
#3	<u>—</u> 42	<u>—</u> 44	<u>—</u> 46
#4	<u>—</u> 47	<u>—</u> 49	<u>—</u> 51
#5	<u>—</u> 52	<u>—</u> 54	<u>—</u> 56
#6	<u>—</u> 57	<u>—</u> 59	<u>—</u> 61
#7	<u>—</u> 62	<u>—</u> 64	<u>—</u> 66

**CODES FOR
IMPACT CONFIGURATION****FRONT OF CASE VEHICLE**

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPE BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPE BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

DAMAGE DA-4

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZEWHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C 9 R 10 Format 0 11 1 12

CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE		
EVENT NUMBER						
ΔV (km/h)	TOTAL	0 2 3 14 15 16	0 3 3 32 33 34	48 49 50	66 67 68	
	LONGITUDINAL*	- 0 2 1 17 20	- 0 1 1 35 38	51 ----- 54	69 ----- 72	
	LATERAL*	+ 0 0 8 21 24	- 0 3 1 39 42	55 ----- 58	73 ----- 76	
	*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.					
	EXAMPLES: 10 km/h = +010 -7 km/h = -007					
ENERGY DISSIPATED BY CRUSH (kJ)		0 1 0 9 25 28	1 2 4 4 43 46	59 ----- 62	77 ----- 80	
RECONSTRUCTION		2 2 29 30		63 64		
	(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL					
	(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL					
	(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL					
	(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL					
NOT RECONSTRUCTED BECAUSE						
	(02) INSUFFICIENT DATA					
	(03) EXCESSIVE UNDERRISE/ OVERRISE					
	(04) ROLLOVER					
	(05) VAULTING					
	(06) OTHER TRAVEL IN MORE THAN ONE PLANE					
	(07) NON-HORIZONTAL FORCE					
	(08) SIDESWIPE-TYPE DAMAGE					
	(09) YIELDING OBJECT					
	(10) OTHER: _____					
	(11) AT LEAST ONE VEHICLE BEYOND SCOPE					
	(12) OTHER VEHICLE NOT INSPECTED					
MODE		2 31			65	
	(1) CDC ONLY					
	(2) CDC & DETAILED DAMAGE					
	(3) TRAJECTORY & CDC					
	(4) TRAJECTORY & CDC & DETAILED DAMAGE					
	(5) NOT RECONSTRUCTED					
COMPUTER PROGRAM SPECIFY: <u>WINSMPW</u>						

Duplicate columns 1-8
from the previous card.

Module C R Format 0 2
 9 10 11 12

CRASH RECONSTRUCTION CR-2
for EBS

	CASE VEHICLE PRIMARY IMPACT				CASE VEHICLE SECONDARY IMPACT			
	CASE VEHICLE		CONTACTED VEHICLE		CASE VEHICLE		CONTACTED VEHICLE	
	13		32 33 34		47		66 67 68	
EVENT NUMBER	1							
EBS (km/h) TOTAL	010	14 15 16	042	32 33 34	48 49 50		66 67 68	
LONGITUDINAL*	-010	17 20	-014	35 38	51	54	69	72
LATERAL*	+004	21 24	-039	39 42	55	58	73	76
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.								
EXAMPLES: 10 km/h = ±010 -7 km/h = -007								
ENERGY DISSIPATED BY CRUSH (kJ)	0117	25 28	1244	43 46	59	62	77	80
RECONSTRUCTION	2 2	29 30			63 64			
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL								
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL								
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL								
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL								
NOT RECONSTRUCTED BECAUSE								
(02) INSUFFICIENT DATA								
(03) EXCESSIVE UNDERRIDE/ OVERRISE								
(04) ROLLOVER								
(05) VAULTING								
(06) OTHER TRAVEL IN MORE THAN ONE PLANE								
(07) NON-HORIZONTAL FORCE								
(08) SIDESWIPE-TYPE DAMAGE								
(09) YIELDING OBJECT								
(10) OTHER:								
(11) AT LEAST ONE VEHICLE BEYOND SCOPE								
(12) OTHER VEHICLE NOT INSPECTED								
MODE	2	31			65			
(1) CDC ONLY								
(2) CDC & DETAILED DAMAGE								
(3) TRAJECTORY & CDC								
(4) TRAJECTORY & CDC & DETAILED DAMAGE								
(5) NOT RECONSTRUCTED								
COMPUTER PROGRAM SPECIFY: <u>WinImpact</u>								

Duplicate columns 1-8 from the previous card.

CRASH RECONSTRUCTION CR-3

NOTES:

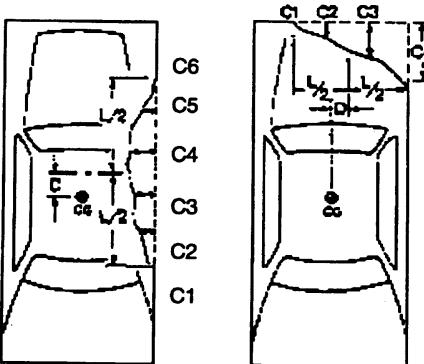
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CENTER LINE.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	BC TO BC	BC TO BC



PLANE-

- (1) Bumper
 - (2) Above Bumper
 - (3) Sill
 - (4) Above Sill
 - (5) Other _____
 - (9) Unknown

DL _____

UDL

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Duplicate columns 1 - 12 for each completed line.

Duplicate columns 1-8
from the previous card.

Module C R Format 0 4
 9 10 11 12

CRASH RECONSTRUCTION CR-4

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

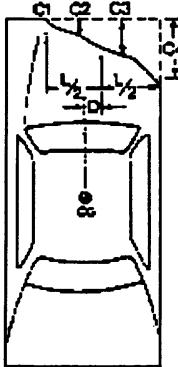
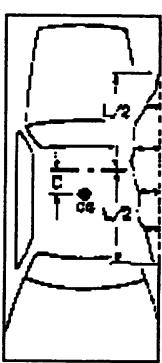
OTHER VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	BEGINS 9-cm FORWARD OF REAR WHEEL	BEGINS AT FRONT DOOR PANEL 239 cm to QUARTER PANEL

*C4 is max
crush 14*



PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown

DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	4	170	55.5	239	2	30	49.5	55.5	25.5	0	-48
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module W T Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
- (1) YES
- (9) UNKNOWN

LF	<u>0</u>	<u>13</u>
RF	<u>0</u>	
RR	<u>0</u>	
LR	<u>0</u>	<u>16</u>

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF	<u>P</u>	<u>225</u>	<u>60R16</u>	<u>25</u>
RF	—	—	—	<u>35</u>
RR	—	—	—	<u>45</u>
LR	—	—	—	<u>55</u>

TIRE TREAD TYPE

- (1) REGULAR
- (2) SNOW
- (3) SLICKS
- (4) ALL WEATHER (MS)
- (7) OTHER: _____
- (9) UNKNOWN

LF	<u>4</u>	<u>17</u>
RF	<u>4</u>	
RR	<u>4</u>	
LR	<u>4</u>	<u>20</u>

CARCASS CONSTRUCTION

- (1) BIAS
- (2) BELTED BIAS
- (3) RADIAL
- (4) ELLIPTICAL
- (5) HI PRESSURE SPARE
- (6) SPACE SAVER SPARE
- (7) OTHER: _____
- (9) UNKNOWN

LF	<u>3</u>	<u>21</u>
RF	<u>3</u>	
RR	<u>3</u>	
LR	<u>3</u>	<u>24</u>

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL	/	AUXILIARY TANK TYPE	8
(1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN	13	(1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	21
MAIN TANK LOCATION	322	AUXILIARY TANK LOCATION	888
MAIN FILLER CAP LOCATION	113	AUXILIARY FILLER CAP LOCATION	888
MAIN TANK MATERIAL	/	AUXILIARY TANK MATERIAL	8

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
 9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

O
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	—	21
#2	22 23	—	—	—	—	29
#3	30 31	—	—	—	—	37
#4	38 39	—	—	—	—	45
#5	46 47	—	—	—	—	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) Ruptured
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

- (0) NO SKIP PAGE.
(1) YES COMPLETE PAGE.

13

DID FIRE START IN CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.Module E
9 D
10 Format 0
11 1
12

EXTERIOR DAMAGE ED-1

HOOD PERFORMANCE			STEERING COL FLEXIBLE COUPLING		
FOR THE FOLLOWING, USE CODES:			FLEXIBLE COUPLING TYPE		
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			(0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER: _____ (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED		
HOOD LATCH(ES)-	-RELEASED		○ 13	COUPLING- (USE CODES FROM HOOD PERFORMANCE)	-DAMAGED 9 27 -SEPARATED (COMPLETE) 9 28
	-DAMAGED		○ 14		
	-JAMMED		8 15		
HOOD HINGES-	-LEFT,	DAMAGED	○ 16	ENG COMPART TELESCOPING UNIT	TYPE OF UNIT (00) NONE INSTALLED (01) - (07) SEE UNITS ON PAGE ED-2 (88) NOT COLLECTED (97) OTHER: _____ (98) EQUIPPED, TYPE UNKNOWN (99) UNKNOWN IF EQUIPPED 8 8 29 30
	-LEFT,	SEPARATED (COMPLETE)	8 17		
	-RIGHT,	DAMAGED	○ 18		
	-RIGHT,	SEPARATED (COMPLETE)	8 19		
HOOD REMAINED ON VEHICLE			1 20		
REAR EDGE OF HOOD-			1 21	ORIGINAL LENGTH (mm) F (OR H): _____	
-CONTACTED WINDSHIELD			○ 22	TELESCOPED LENGTH (mm) G: _____	
-PENETRATED WINDSHIELD			8 23		
HOOD LATCH LOCATION			1 24	DIFFERENCE (mm) F (OR H) - G (IF LESS THAN 15mm, ENTER "000")	
(1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN				(888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	
ENGINE OR TRANSMISSION MOUNT			○ 25	8 8 8 31 33	
SEPARATION (COMPLETE)					
(0) NO (1) YES (9) UNKNOWN					

LEFT-SIDE BODY MOUNT			
DID BODY MOUNT SEPARATE?		<input type="radio"/> 34	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			
LEFT PILLARS			
PILLARS SEPARATED COMPLETELY -			
USE CODES:			
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN			
-A-PILLAR, UPPER		<input type="radio"/> 35	
LOWER		<input type="radio"/> 36	-FRONT <input type="radio"/> 43
-B-PILLAR, UPPER		<input type="radio"/> 37	-REAR <input type="radio"/> 44
LOWER		<input type="radio"/> 38	
-C-PILLAR, UPPER		<input type="radio"/> 39	
LOWER		<input type="radio"/> 40	-FRONT <input type="radio"/> 45
-D-PILLAR, UPPER		<input type="radio"/> 41	-REAR <input type="radio"/> 46
LOWER		<input type="radio"/> 42	
LEFT DOORS			
HOW DID DOORS OPEN DURING COLLISION?			
USE CODES:			
(0) DOOR DID NOT OPEN OPENED BECAUSE OF			
(1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN			
(8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN			
DOORS JAMMED CLOSED-			
USE CODES:			
(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN			

EXTERIOR DAMAGE

ED-3

REAR DOOR

REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

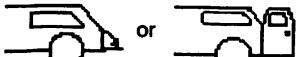
Hatchback



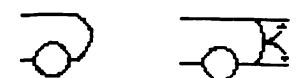
One-way



Two-way



Clamshell



Single door



Double door



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

47

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

52

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

48

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

53

49

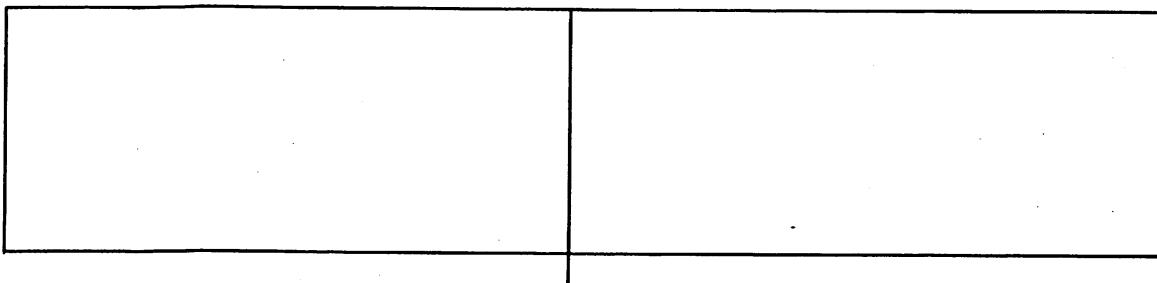
RIGHT-SIDE BODY MOUNT DID BODY MOUNT SEPARATE? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	54	RIGHT DOORS HOW DID DOORS OPEN DURING COLLISION? USE CODES: (00) DOOR DID NOT OPEN OPENED BECAUSE OF (01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE (CIRCLE EACH) (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM) (98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN	
RIGHT PILLARS PILLARS SEPARATED COMPLETELY - USE CODES: (0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN			
-A-PILLAR, UPPER	55		-FRONT 63 64
LOWER	56		-REAR 65 66
-B-PILLAR, UPPER	57		
LOWER	58	DOORS JAMMED CLOSED- USE CODES: (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
-C-PILLAR, UPPER	59		-FRONT 67
LOWER	60		-REAR 68
-D-PILLAR, UPPER	61		
LOWER	62	VAN REAR DOOR TYPE (0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN	8

EXTERIOR DAMAGE

ED-5

WINDSHIELD DAMAGE		WINDSHIELD MARK ON CASE VEHICLE:
WINDSHIELD CRACKED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	0 70	SOLAR TINT FORD LAMINATED SUN VISOR AS 1 DOT-287 VF - 9 A DW -
WINDSHIELD BROKEN (PLASTIC INTERLAYER TORN) (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8 71	
CRACKED OR BROKEN BY OCCUPANT CONTACT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8 72	WINDSHIELD CODE (97) DESCRIBED BUT NOT CODED (98) NOT APPLICABLE (NO WINDSHIELD) (99) UNKNOWN
EXTENT OF BOND SEPARATION (0) NONE (1) 1 - 20% (2) 21 - 40 (3) 41 - 60 (4) 61 - 80 (5) 81 - 99 (6) TOTAL (7) SEPARATED, AMOUNT UNKNOWN (8) NOT APPLICABLE (9) UNKNOWN	0 73	ROOF DID T-ROOF/SUN ROOF OPEN DURING COLLISION? (0) NO (1) YES (8) NOT APPLICABLE (NOT A T-ROOF OR SUN ROOF) (9) UNKNOWN

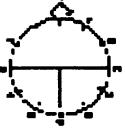
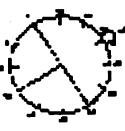
LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

STEERING WHEEL		STEERING WHEEL POSITION AT TIME OF COLLISION	
		IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?	
		EXAMPLES O'CLOCK = <u>1</u> <u>2</u>  (NORMAL STRAIGHT AHEAD) O'CLOCK = <u>12</u> 	
STEERING WHEEL RIM DAMAGE	<u>0</u> 13		
(0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN			
NUMBER OF STEERING WHEEL SPOKES	<u>2</u> 14		
(9) UNKNOWN			
STEERING WHL SPOKE DAMAGE	<u>0</u> 15		
(0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN			
STEERING COLUMN OPTIONS			
TIILT FEATURE			
(0) NOT EQUIPPED (1) YES, EQUIPPED, UNK POSITION (2) UP (3) MIDDLE (4) LOWER (9) UNKNOWN IF EQUIPPED	<u>4</u> 16		
SWING-AWAY FEATURE	<u>0</u> 17		
(0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED			
TELESCOPING FEATURE	<u>0</u> 18		
(0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED			
STEERING WHEEL ENERGY ABSORBING DEVICE			
(1) EXAMPLES: BARRACUDA, 70 - 74 CHALLENGER, 70 - 74 CAPRI, 71 - 77			
			
(2) EXAMPLES: OMNI, 78 - HORIZON, 78 -			
TYPE OF DEVICE			
(0) NONE (1) CONVOLUTED OR MESH CYLINDER (2) DEEP DISH STEERING WHEEL (7) OTHER: _____ (8) NOT COLLECTED (9) UNKNOWN IF EQUIPPED		<u>8</u> 19	
ORIGINAL DIMENSION (mm)	A: _____		
DAMAGE DIMENSION (mm)	B: _____		
DIFFERENCE (mm)			
A - B			
(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO MEASURE (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN		<u>8</u> <u>8</u> <u>8</u> 20 21 22	

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN
ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

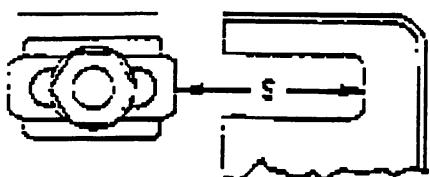
- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

8
23 8
24

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER _____
- (9) UNKNOWN

0
33

8
25 8
27

8
28 8
30

0
31

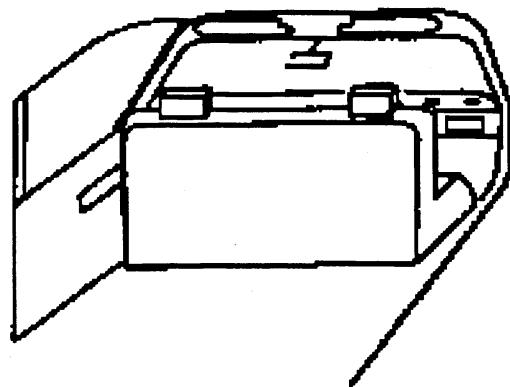
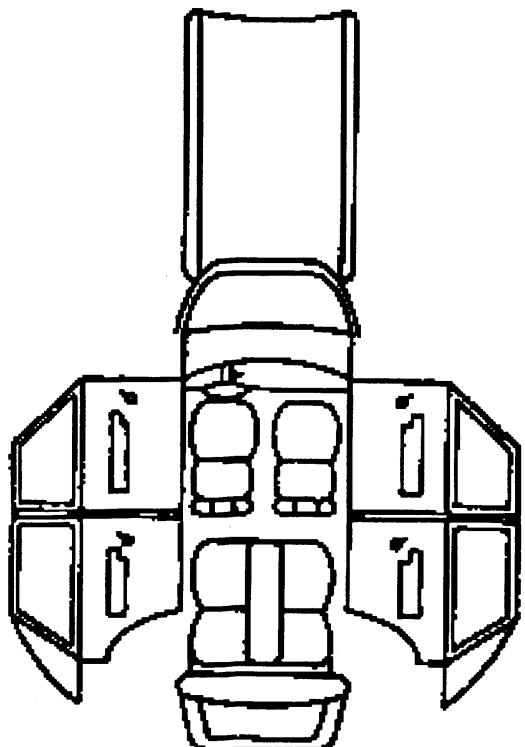
0
32

INTRUSION IT-1

OCCUPANT CONTACT WORKSHEET

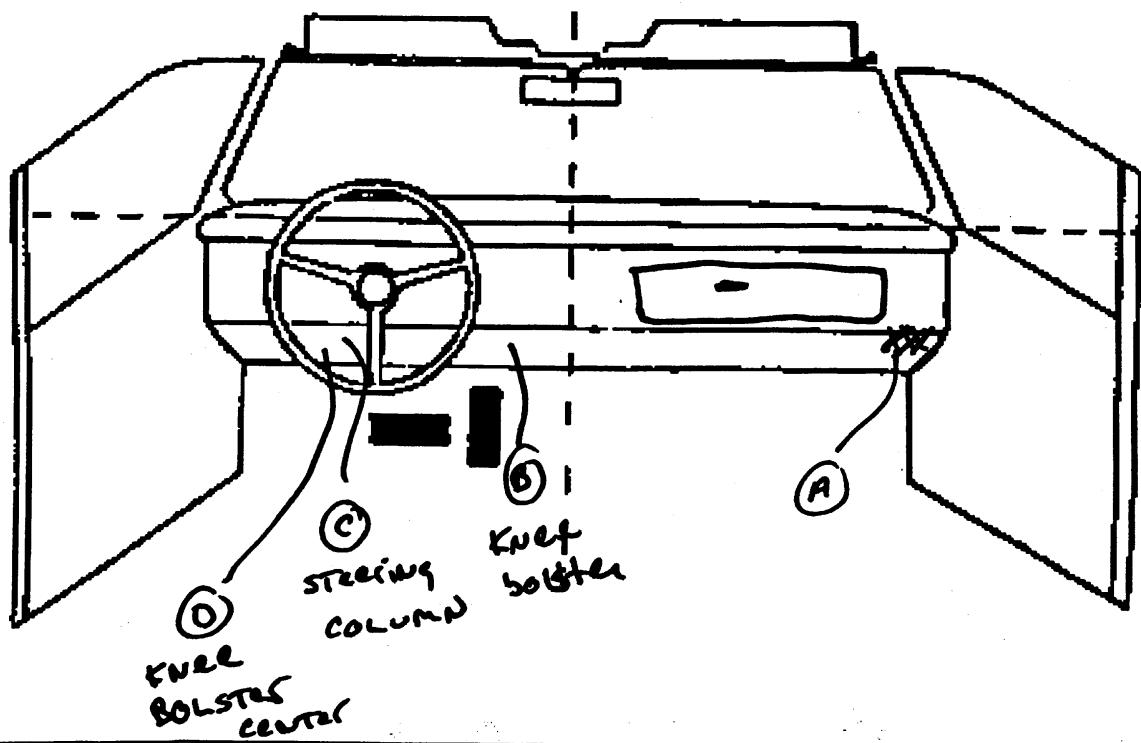
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	NEXT TO glove box	2	KNEE	6x2 cm SCUFF	1
B	Knee Bolster	1	Knee	DENT (RIGHT)	1
C	STEERING COLUMN	1	KNEE	SCUFF	1
D	Knee Bolster	1	KNEE	SCUFF CENTER	1
E					
F					
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



RF BELT, SCRAPE ON
D-RINGS

DRIVER LIGHT SCRAPE
ON D-RINGS



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- | | | |
|--------------------------|-----------------|--|
| (1) LEFT | (3) RIGHT | INDIVIDUAL SEAT |
| (1) LEFT | (2) CENTER | (3) RIGHT BENCH: FULL WIDTH 3 PASSENGER |
| (1) LEFT | (2) LEFT CENTER | (6) RIGHT CENTER (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT | (2) CENTER | (5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT |
| (0) LEFT & SPACE | (2) CENTER | (5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED |
| (4) ENTIRE VEHICLE WIDTH | | CARGO AREA |

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13	
X	X	21	22	23

VAN
12 PASSENGER CAPACITY

X	X	11	13		
X	X	21	22	25	
X	X	31	32	35	
X	X	41	42	46	43

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

INTRUSION IT-4

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

**USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.**

- | | |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF |
| A-PILLAR | ROOF RAIL |
| ROOF SIDE RAIL | A-PILLAR |
| (51) INSTRUMENT PANEL | B-PILLAR |
| A-PILLAR | C-PILLAR |
| DOOR PANEL | WINDOW FRAME |
| (52) INSTRUMENT PANEL | DOOR PANEL |
| A-PILLAR | FLOOR PAN |
| WINDSHIELD HEADER | (61) INSTRUMENT PANEL |
| (53) DOOR PANEL | TOE PAN |
| B-PILLAR | WINDSHIELD HEADER |
| ROOF RAIL | A-PILLAR |
| (54) DOOR PANEL | ROOF RAIL |
| A-PILLAR | WINDOW FRAME |
| ROOF RAIL | DOOR PANEL |
| (55) INSTRUMENT PANEL | ROOF |
| FLOOR PAN | (62) ROOF |
| A-PILLAR | ROOF RAIL |
| DOOR FRAME | C-PILLAR |
| (56) ROOF RAIL | WINDOW FRAME |
| A-PILLAR | FLOOR PAN |
| B-PILLAR | DOOR PANEL |
| WINDOW FRAME | SECOND SEAT |
| (57) ROOF RAIL | DOOR PANEL |
| A-PILLAR | FRONT SEAT |
| B-PILLAR | (63) ROOF RAIL |
| C-PILLAR | ROOF |
| DOOR PANEL | B-PILLAR |
| (64) ROOF RAIL | WINDOW FRAME |
| ROOF | FLOOR PAN |
| ROOF RAIL | DOOR PANEL |
| WINDOW FRAME | SECOND SEAT |
| DOOR PANEL | FRONT SEAT |
| (58) ROOF | (64) ROOF RAIL |
| ROOF RAIL | ROOF OR CONVERTIBLE TOP |
| WINDOW FRAME | A-PILLAR |
| DOOR PANEL | B-PILLAR |
| (59) BACKLIGHT HEADER | WINDOW FRAME |
| ROOF | WINDOW HEADER |
| C-PILLAR | (65) WINDSHIELD |
| THIRD SEAT-BACK | WINDSHIELD HEADER |
| (66) WINDSHIELD | ROOF SIDE RAIL |
| WINDSHIELD HEADER | (66) WINDSHIELD |
| A-PILLAR | WINDSHIELD HEADER |
| (98) NOT APPLICABLE | A-PILLAR |
| (99) UNKNOWN | |

Duplicate columns 1-8 Module I T Format 0 1
from the previous card. 9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? O

WAS INTRUSION CATASTROPHIC? 14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
 (1) YES ANSWER NEXT QUESTION.
 (9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
 (1) YES SKIP PAGE.

Duplicate columns 1-8 Module I T Format 0 2
from the previous card. 9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E INTRUDING MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0</u> <u>1</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>2</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>3</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>4</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>5</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>6</u>	—	—	—	—	—	—	—	—	—	—
<u>0</u> <u>7</u>	—	—	—	—	—	—	—	—	—	—

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8 Module I T Format 0 3
from the previous card. 9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION RESULTED FROM

INTRUSION
NUMBER CAUSE

CODES FOR CAUSE:

- | | | | |
|----|---|----|-----------------------|
| 13 | — | 15 | (1) DIRECT
IMPACT |
| — | — | 18 | (2) INDUCED
DAMAGE |
| — | — | 21 | (9) UNKNOWN |

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	25	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	29	(8) NOT APPLICABLE (9) UNKNOWN
C 30 31	—	33	
D 34 35	—	37	

Duplicate columns 1-8 from the previous card.

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES

CODES FOR B, E, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

CODES:

- (0) NO
 (1) YES
 (3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT
 (8) NOT APPLICABLE
 (9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	○ 13	○ 14	FOOT CONTROLS	○ 45	UPPER PANEL	○ 55
FRONT HARDWARE	○ 15	○ 16	IGNITION KEYS	○ 46	MID PANEL	○ 56
FRONT ARMREST	○ 17	○ 18	REAR VIEW MIRROR	○ 47	LOWER PANEL 2x	○ 57
FRONT GLASS	○ 19	○ 20	SUNVISOR/FITTINGS	○ 48	ASHTRAY	○ 58
REAR DOOR AREA	○ 21	○ 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	○ 59
REAR HARDWARE	○ 23	○ 24	WINDSHIELD TOP MOLDINGS	○ 49	GLOVE COMPARTMENT AREA	○ 60
REAR ARMREST	○ 25	○ 26	LEFT A-PILLAR (UPPER OR LOWER)	○ 50	INSTRUMENTS	○ 61
REAR GLASS	○ 27	○ 28	RIGHT A-PILLAR (UPPER OR LOWER)	○ 51	PARKING BRAKE RELEASE	○ 62
ROOF SIDE RAIL	○ 29	○ 30	CENTER CONSOLE	○ 52	PARKING BRAKE PEDAL	○ 63
B-PILLAR	○ 31	○ 32	TRANSMISSION SELECTOR LEVER	○ 53	A/C OR UPPER VENT OUTLETS	○ 64
C-PILLAR	○ 33	○ 34	RIM, HORN, SPOKE	○ 54	HEATER OR A/C DUCTS	○ 65
D-PILLAR	8 35	8 36			RADIO	○ 66
HEADLINING	○ 37	○ 38			OTHER: * _____	8 67
ROOF STRUCTURE	○ 39	○ 40				
T-ROOF/SUN ROOF	8 41	8 42				
OTHER: *	8 43	8 44				
					REAR WINDOW	○ 68
					WINDOW HEADER	○ 69
					CONSOLES VERTICAL	○ 70
					ROOF	8 71

* MORE THAN ONE ITEM MAY BE NOTED.

SEATS				ST-1	
Duplicate columns 1-8 from the previous card.	Module S 9	T 10	Format 0 11	2 12	
FRONT SEAT					
TYPE OF FRONT SEAT	DRIVER <u>OS</u> 13 14	PASSEN'R <u>OS</u> 15 16	FRONT SEAT-BACK	DRIVER 3 30	
(00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN			SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	PASSEN'R 3 31	
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 17	<u>1</u> 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 32	<u>1</u> 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>O</u> 19	<u>O</u> 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 34	<u>1</u> 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 21	<u>1</u> 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 36	<u>1</u> 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>O</u> 23	<u>O</u> 24	HEAD RESTRAINT		
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	<u>O</u> 25	<u>O</u> 26	HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 38	<u>1</u> 39
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	<u>8</u> 27		REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 40	<u>0</u> 41
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>Q</u> 28	<u>Q</u> 29	ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 42	<u>1</u> 43
			HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	<u>Q</u> 44	<u>Q</u> 45

FRONT SEAT ADJUSTMENT SEAT ADJUSTMENT TYPE (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN	DRIVER <u>2</u> 46	PASSENGER <u>1</u> 47	SECOND SEAT (CONT.)	
			CENTER ARMREST DAMAGED	
			(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
			<u>8</u> 60	
			ADJUSTMENT PROVIDED (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
			<u>3</u> 48	
			<u>1</u> 49	
			SECOND SEAT-BACK LOCKS	
			FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
SEAT ADJUSTER DAMAGE (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	SEAT ADJUSTER SEPARATION (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN	PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 50	
			<u>0</u> 51	
			<u>8</u> 52	
			<u>8</u> 53	
			<u>3</u> 54	
			<u>3</u> 55	
			LEFT OR CENTER, EQUIPPED	
			LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN	
			RIGHT, EQUIPPED (3) SEAT FOLDED DOWN	
SECOND SEAT TYPE OF SECOND SEAT (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN	SECOND SEAT DAMAGE (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENERED) (2) CUSHION ONLY (DAMAGED OR LOOSENERED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENERED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENERED) (8) NOT APPLICABLE (9) UNKNOWN	PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	THIRD SEAT	
			EQUIPPED	
			BACKREST DAMAGED	
			<u>0</u> 69	
			<u>8</u> 71	
			CUSHION DAMAGED	
			<u>8</u> 73	
			VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
			(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
<i>Applies to any rear-seat position</i>				

Duplicate columns 1-8
from the previous card.

Module A 9 B 10 Format 0 11 1 12

AIRBAG AB-1

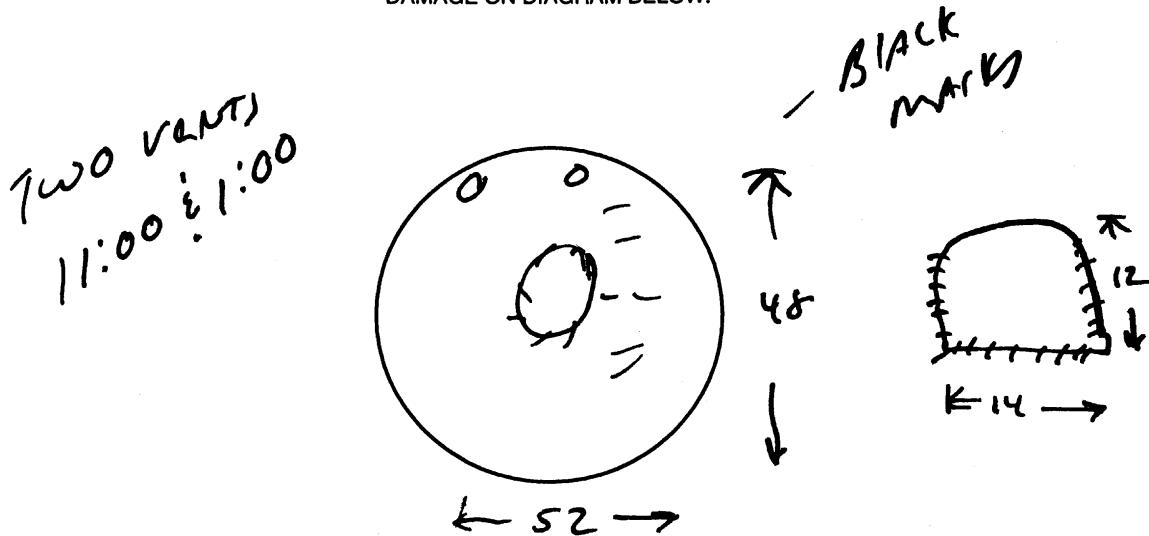
DRIVER SIDE LOCATION OF AIRBAG STEERING WHEEL EQUIPPED (0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED DEPLOYED (0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	13	PASSENGER SIDE LOCATION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX) EQUIPPED (0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED DEPLOYED (0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	16
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CONDITION OF AIRBAG STEERING WHEEL (0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	15	CONDITION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX) (0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	18
--	----	--	----

DRIVER SIDE AIRBAG STEERING WHEEL TETHER (0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED MARKED BY CONTACT (0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	19	PASSENGER SIDE AIRBAG INSTRUMENT PANEL (GLOVE BOX) TETHER (0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED MARKED BY CONTACT (0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	21
---	----	--	----

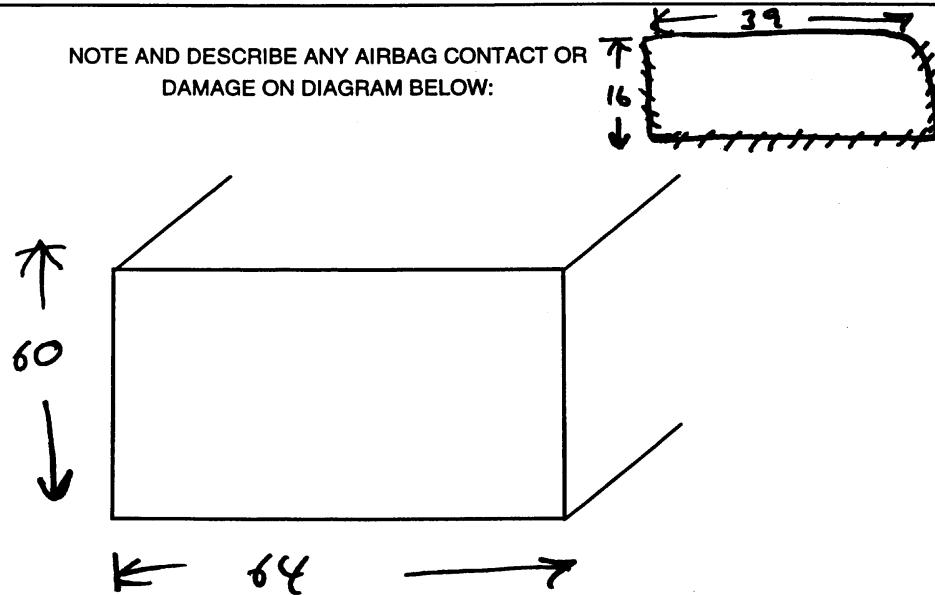
AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

OCCUPANT IDENTIFICATION OCCUPANT NUMBER ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER <i>(NOT DRIVER)</i> (9) UNKNOWN		<u>01</u> 13 14 <u>1</u> 15	PHYSICAL DESCRIPTION AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN MASS (kg) (999) UNKNOWN HEIGHT (cm) (999) UNKNOWN SEX (1) MALE (2) FEMALE (9) UNKNOWN		<u>40</u> 20 21 <u>25</u> 22 23 <u>190</u> 24 25 26 <u>6'2</u> <u>188</u> 27 28 29 <u>1</u> 30
OCCUPANT POSITION ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN		<u>1</u> 16			
LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN		<u>1</u> 17	MEDICAL CONDITIONS TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN		<u>02</u> 31 32
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, <i>SIDEWAYS</i>) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN		<u>10</u> 18 19	INJURY SEVERITY SCORE (ISS) (99) UNKNOWN		<u>01</u> 33 34
			NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. <i>PRIOR INJURY, STROKE</i>) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE <i>(CIRCLE EACH)</i> (9) UNKNOWN		<u>0</u> 35

OCCUPANT INFORMATION OC-2

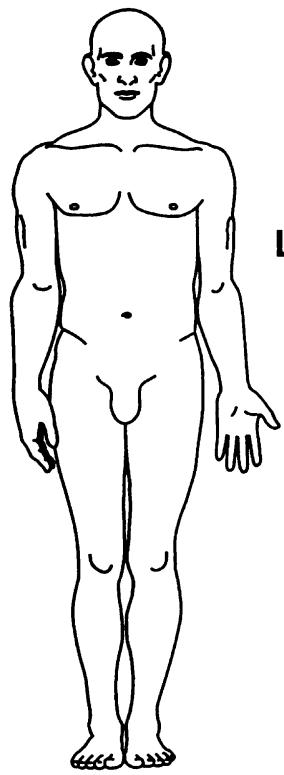
MEDICAL CONDITIONS (CONT.)	1	CHILD SEAT TYPE	88 41 42
		(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN	
POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT		CHILD SEAT MAKE/MODEL	
(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN	36		
RESTRAINT SYSTEM			
ACTIVE RESTRAINT SYSTEM	3	EJECTION	0 43
(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN		DEGREE OF EJECTION	
ACTIVE RESTRAINT SYSTEM USAGE	38	AREA OF EJECTION	98 44 45
(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN		(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	
PASSIVE RESTRAINT SYSTEM	39	IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:	
(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN		_____ _____ _____	
PASSIVE RESTRAINT SYSTEM USAGE	2 40	HEAD RESTRAINT	
(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		HEAD RESTRAINT AVAILABLE FOR THIS POSITION	
		(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	1 46

OCCUPANT INFORMATION OC-3

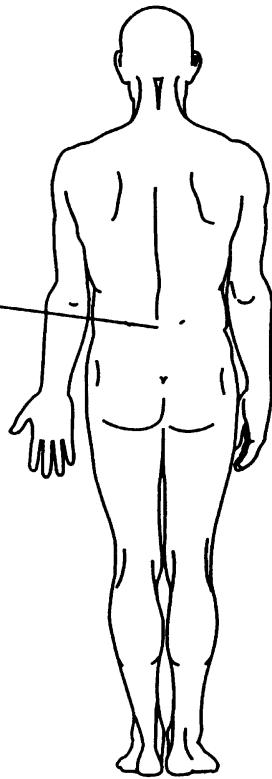
OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	47	(0) INTERVIEW (8) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	48

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



Lumbar spine strain
(1)



Duplicate columns 1-8
from the previous card.

Module I C **Format** 0 1
 9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD

- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER

- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE

- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)

- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN

- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)

- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM

- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

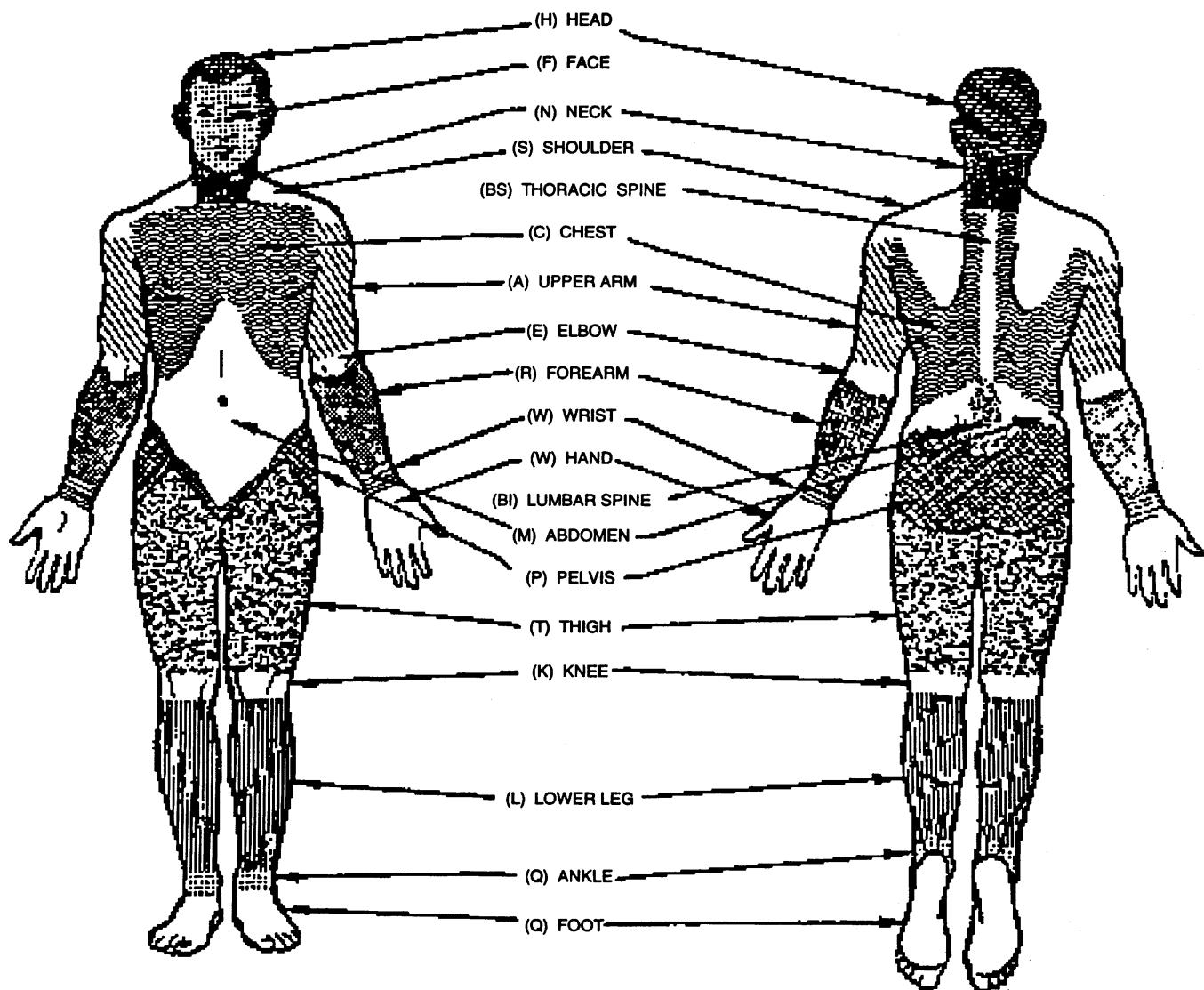
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
- (A) ARM (UPPER)
- (E) ELBOW
- (R) FOREARM
- (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
- (T) THIGH
- (K) KNEE
- (L) LEG (LOWER)
- (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (SKIN)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

BODY REGION	ASPECT	SYSTEM/ORGAN	SEVERITY				
			1	2	3	4	5

5 SEVERITY
(OR 'AIS', ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module O
9 C
10 Format 0
11 2
12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		PHYSICAL DESCRIPTION	
OCCUPANT NUMBER	<u>02</u> <u>13</u> <u>14</u>	AGE IN YEARS	<u>34</u> <u>20</u> <u>21</u>
ROLE OF OCCUPANT AT 1ST IMPACT	<u>2</u> <u>15</u>	AGE IN MONTHS	<u>25</u> <u>22</u> <u>23</u>
(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		MASS (kg)	<u>11</u> <u>24</u> <u>25</u> <u>26</u>
OCCUPANT POSITION		HEIGHT (cm)	<u>188</u> <u>27</u> <u>28</u> <u>29</u>
ROW LOCATION	<u>1</u> <u>16</u>	SEX	<u>1</u> <u>30</u>
(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN		TREATMENT/MORTALITY	<u>02</u> <u>31</u> <u>32</u>
LATERAL LOCATION	<u>5</u> <u>17</u>	(00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	
POSTURE	<u>10</u> <u>18</u> <u>19</u>	INJURY SEVERITY SCORE (ISS)	<u>01</u> <u>33</u> <u>34</u>
(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN		NON-IMPACT MED. CONDITIONS	<u>0</u> <u>35</u>
		(0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	

OCCUPANT INFORMATION OC-2

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p><u>1</u> 36</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <hr/> <hr/> <hr/>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>3</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p> <p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <hr/> <hr/> <hr/> <hr/>
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>

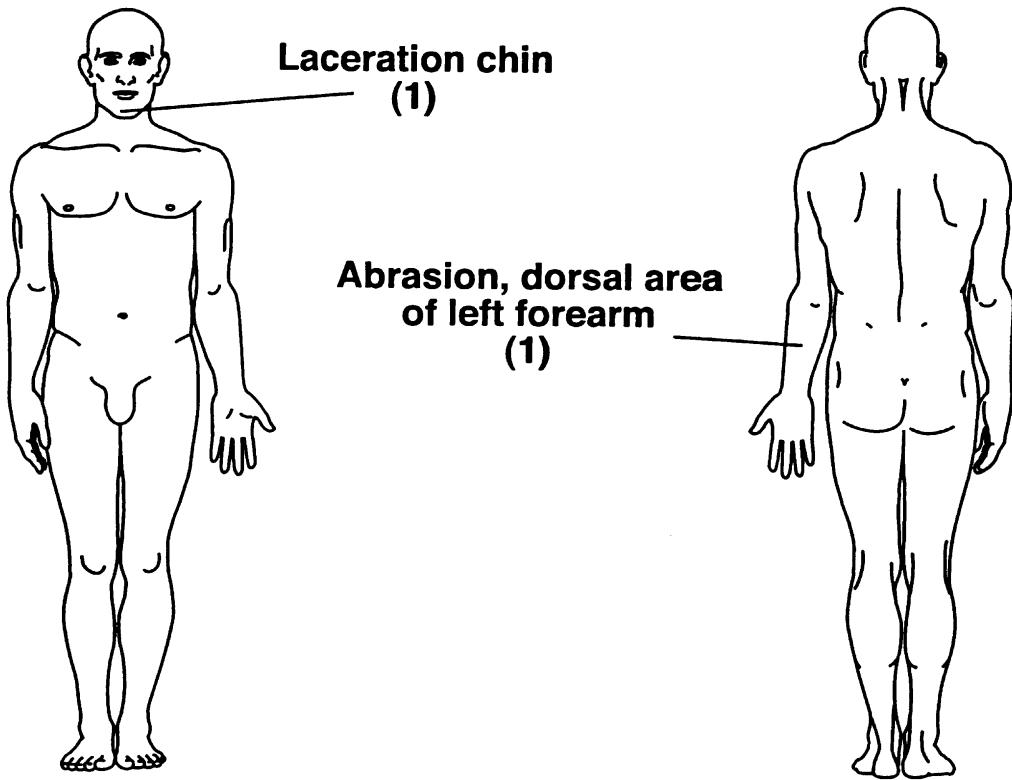
OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>47</u>	<u>8</u> (0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	<u>7</u> 48

55-

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



**Duplicate columns 1-8
from the previous card.**

Module 1 C **Format** 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		PHYSICAL DESCRIPTION	
OCCUPANT NUMBER		<u>03</u> 13 14	AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN
ROLE OF OCCUPANT AT 1ST IMPACT		<u>2</u> 15	AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN
(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN			<u>23</u> 20 21
			<u>25</u> 22 23
OCCUPANT POSITION		MASS (kg)	
ROW LOCATION		<u>2</u> 16	<u>745</u> 111 24 25 26
(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN			HEIGHT (cm) (999) UNKNOWN
			<u>612</u> 188 27 28 29
			SEX (1) MALE (2) FEMALE (9) UNKNOWN
			<u>1</u> 30
LATERAL LOCATION		MEDICAL CONDITIONS	
(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN		<u>5</u> 17	TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN
			<u>02</u> 31 32
POSTURE		<u>10</u> 18 19	INJURY SEVERITY SCORE (ISS) (99) UNKNOWN
(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDeways) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN			<u>01</u> 33 34
			NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN
			<u>0</u> 35

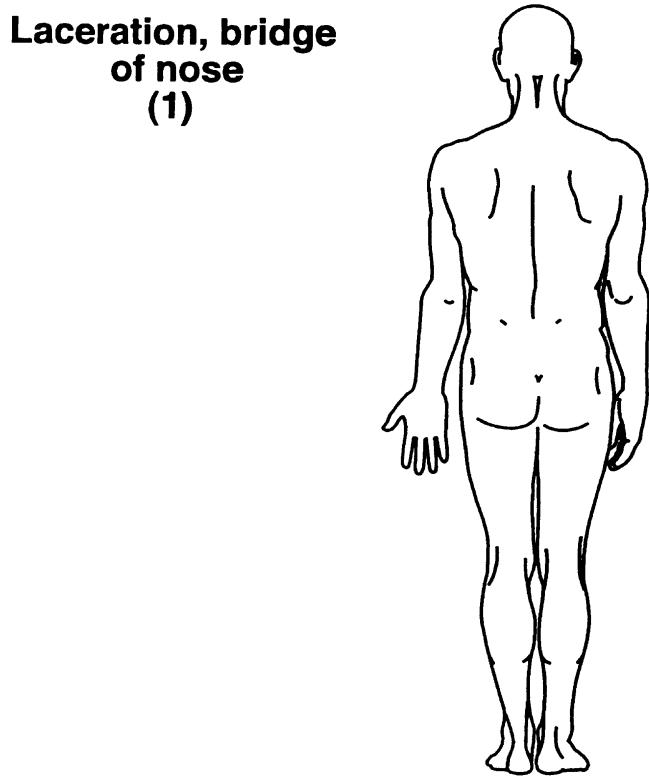
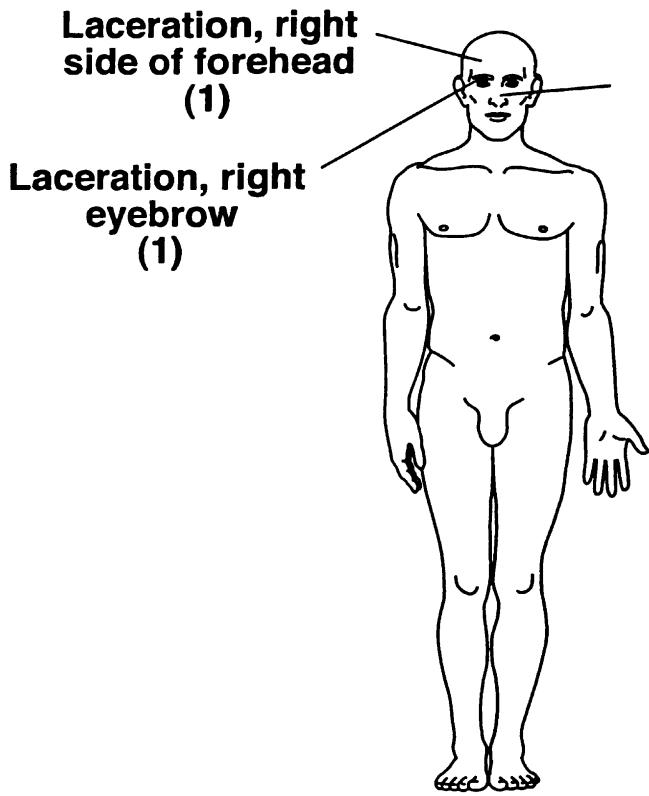
OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)		CHILD SEAT TYPE	
POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN	<u>2</u> 36	(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN	<u>88</u> 41 42
RESTRAINT SYSTEM		CHILD SEAT MAKE/MODEL	
ACTIVE RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN	<u>3</u> 37		
ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN	<u>0</u> 38	EJECTION DEGREE OF EJECTION (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED	<u>0</u> 43
PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN	<u>0</u> 39	AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	<u>98</u> 44 45
PASSIVE RESTRAINT SYSTEM USAGE (0) SYSTEM DEFECTED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN	<u>8</u> 40	IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW: _____ _____ _____ _____	
HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN			<u>0</u> 46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	47	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	48 Z

INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8
from the previous card.

Module 1 C **Format** 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

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How We Do This Thing

For more information, contact your local library.

Figure 1. The effect of the number of hidden neurons on the performance of the neural network.

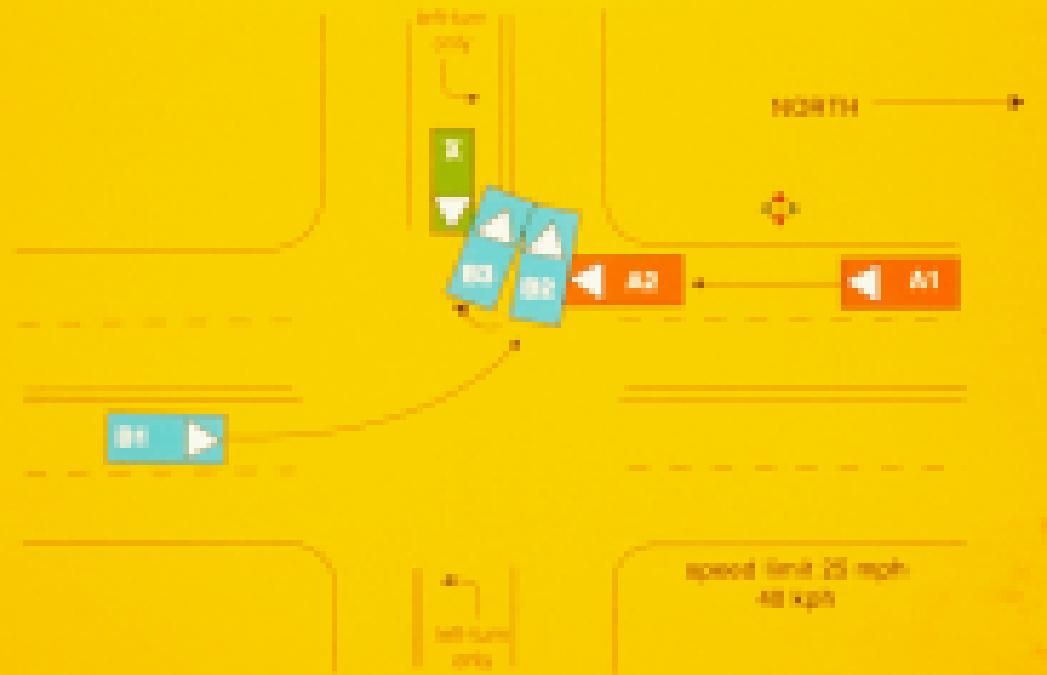
10. *Urticaria* (urticaria) | *Urticaria* (urticaria)

Page 10

Final Version Date

10. *Leucosia* (L.) *leucostoma* (L.)

High Resolution Point



PH 18300 #1



PN 18300 #2



PN 18300 #3



PN 18300 #4



PN 18300 #5
Best Available



PN 18300 #6
Best Available



PN 18300 #7
Best Available



PN 18300 #8
Best Available



PN 18300 #9



PN 18300 #10



PN 18300 #11



**PN 18300 #12
Best Available**



PN 18300 #13



PN 18300 #14



PN 18300 #15



PN 18300-#16



PN 18300 #17



PN 18300 #18



PN 18300 #19



PN 18300 #20



PN 18300 #21



PN 18300 222



PN 18300 #23



PN 18300 #24



PN 18300#25



PN 18300 #26



PN 18300 #27



PN 18300 #2B



PN 18300 #29



PN 18300 #30



PN 18300 #31



PN 18300 #32



PN 18300 #33



PN 18300 #34



DR

PN 18300 #35



PN 18300 #36



PN 18300 #37



PN 16300 #36



PN 18300 #39



PN 18300 440



RG

PN 16300 #41



PN 18300 #42



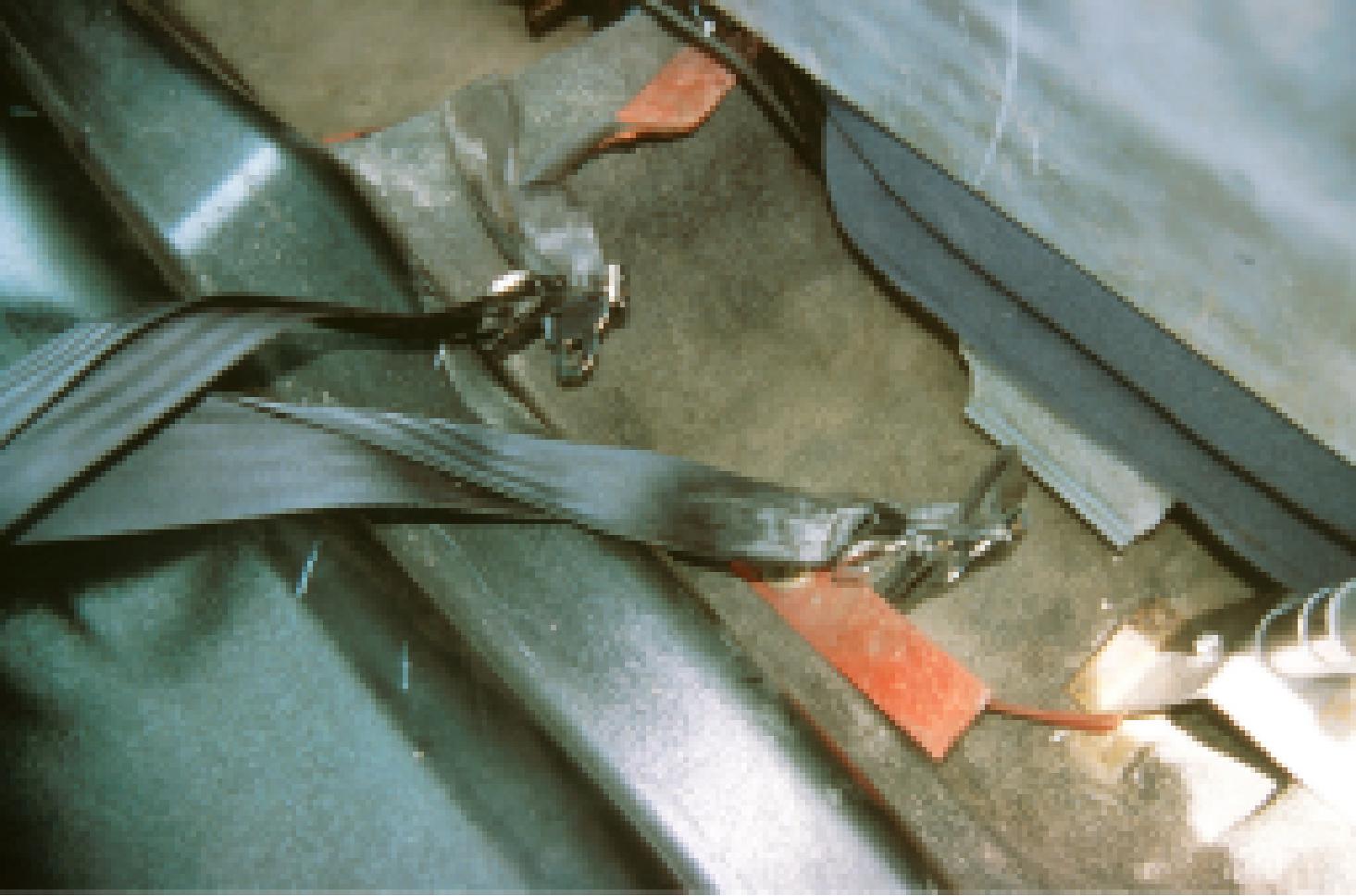
PN 18300 #43



PN 18300 #44



PN 18300 #45



PN 18300 #46



PN 18300-447



PN 18300 #48

DATE 9/1 - 1966

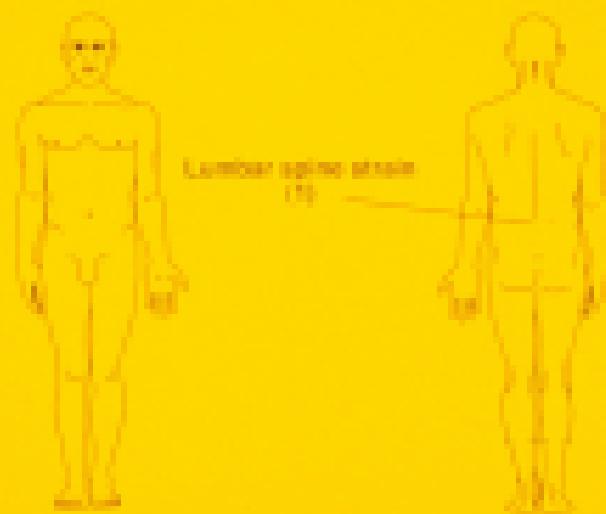
DEAD SUBJECT: river bank

NAME: Green Peacock, Indian name
Kongwa newspaper

DOCUMENT: Brown 16 year old male

SEX: Male, one month old, living - 1600 gm live weight

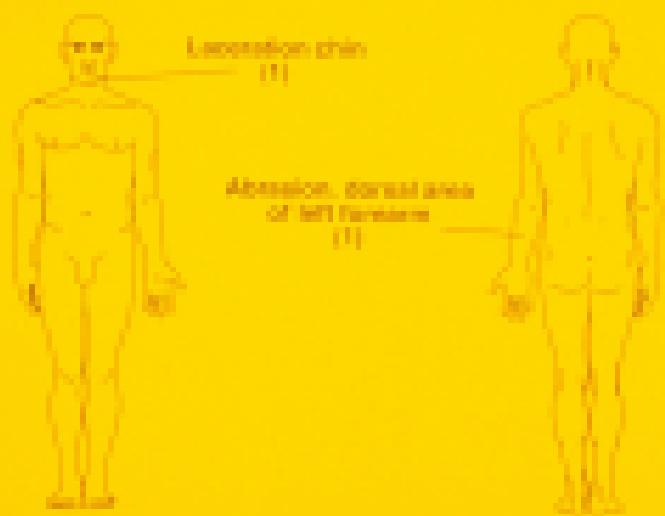
REASON: Indian Gull nests, nothing destroyed
KONGWA TOWN - KASHMIR - INDIA



PN 16300 #48

CASE NO: 183-99
CASE PNR: 183-99
TYPE: Case Report, Driver side
Fatal Collision

Occurred: 11/17/1999 10:30 AM EST
Fatal: Yes
Injury: 1
Fatal: Yes
Injury: 1



CASE NO.: 110-88

CASE NUMBER: 110-88 Part

TYPE: Brown Toyota, 4-door sedan
Police Interceptor

OCCUPANT: (Flight crew) 20 year old male

STATUS: Driver at time of crash - occupant wearing airbag

POSITION: Seated belt fastened

VEHICLE: 1988 Toyota 4-door

